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Waste Site Reclassification Form

Date Submitted: 9/7/1999	Operable Unit(s): 200-CW-2	Control Number: 99-081
Originator: B. H. Ford	Waste Site ID: UPR-200-W-59	
Phone: 372-9176	Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an unplanned release to the 216-S-16 Pond (WIDB site code 216-S-16P). On September 26, 1963, a leak occurred in the 2D column feed tank (F-1) cooling coil. Process effluent entered the cooling water from the coil and was transported from REDOX to the 216-S-16 Pond. The maximum dose rate found at the water edge of the #1 pond inlet was 190 millirads/hour. The release was promptly detected by a radiation monitor. The 216-S-16 Pond has been surface stabilized and posted as "Underground Radioactive Material".

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Basis for reclassification:

The site is recognized as an unplanned release unit that requires cleanup action. The contamination from this release was contained within 216-S-16P. Information regarding this release will be incorporated into 216-S-16P. The release has been consolidated with the 216-S-16P Pond and will be dispositioned with that site.

<u>Bryan C. Foley</u> DOE Project Manager	<u>Angie S. Foley</u> Signature	<u>1/26/00</u> Date
<u>Douglas R. Sherwood</u> EPA Project Manager	<u>Douglas R. Sherwood</u> Signature	<u>1/25/00</u> Date

Waste Information Data System General Summary Report

10/7/1999

Site Code:	UPR-200-W-59	Site Classification:	Accepted	Page	1
Site Names:	UPR-200-W-59, Contaminated Liquid Released to 216-S-16P				
Site Type:	Unplanned Release	Start Date:	1985		
Status:	Inactive	End Date:	1985		
Operable Unit:	200-CW-2	Coordinates:			
Hanford Area:	200W	(E)	565030.875		
		(N)	133276.781		
		Washington State Plane			
Site Description:	The site is an unplanned release to the 216-S-16 Pond (WIDS site code 216-S-16P), and has been consolidated with that pond. The pond has been surface stabilized and posted as an "Underground Radioactive Material" area.				
Location Description:	The 216-S-16 Pond is located southwest of the 200 West area.				
Associated Structures:	The release is associated with the REDOX facility (202-S) and the 216-S-16 Pond.				
Site Comment:	Follow-up water samples and check point surveys were taken. Battelle Northwest Regional Monitoring was requested to obtain wildlife and algae samples. There was no mention of any action taken concerning cleanup.				
Release Description:	On September 25, 1985, a leak occurred in the 2D column feed tank (F-1) cooling coil. Process effluent entered the cooling water from the coil and was transported from REDOX to the 216-S-16 Pond. The maximum dose rate found at the water edge of the #1 pond inlet was 180 millirads/hour. The release was promptly detected by a radiation monitor.				
References:	<ol style="list-style-type: none">1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.2. D. M. Fleming to N. A. Homan, 12/21/80, Operable Unit Number Changes, DSI.3. H. L. Macfield, 9/27/85, Redox Pond 200 West Area-Radiation Occurrence 9/28/85.4. Operation Managers, 10/22/85, Chemical Processing Department Monthly Report for September, 1985, RL-SEP-755-DEL.				

Regulatory Information:

Programmatic Responsibility			
DOE Program:	EM-40	Confirmed By Program:	Yes
DOE Division:	RPD - Restoration Projects Division		
Responsible Contractor/Subcontractor:	BHI - Bechtel Hanford, Inc.		
Site Evaluation			
Solid Waste Management Unit:	No		
TPA Waste Management Unit Type:	Unplanned Release Unit		
This Site Was Consolidated With:			
216-S-16P, 202-S Swamp and Ditch, 202-S Swamp #1, REDOX Pond #2			
Reason: Within Boundary Of Larger Site			
Permitting			
RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix: C

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Process Effluent

Category: Mixed

Physical State: Liquid

Waste Observed: Soil Overburden

Description: Beta/gamma radiation with a maximum dose rate of 190 millirads/hour was measured at the #1 Pond inlet at the 215-S16 Pond.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-8456 Vol 1,2,3.
2. Ray Johnson, 11/8/91, Comments on the 1992 Hanford Site Waste Management Units Report Draft.
3. H. L. Maxfield, 9/27/85, Redox Pond 200 West Area-Radiation Occurrence 9/26/85.

Images:

Date Taken: 10/1/85

Pathname: \\bn1002\lead-img\200W\1523\1523_01.JPG

Description: This photo shows the active pond (at top of photo) in October 1985 (#40599-27cn). This photo faces towards the west.